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GPS Speed and Distance Monitor
Model: GP108
USER MANUAL

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INTRODUCTION

Thank you for selecting the Oregon Scientific™ GPS speed and distance monitor (GP108). The GP108 uses GPS technology to detect your current position as you exercise. By constantly updating real time position, the GP108 instantaneously displays the total distance travelled, the current speed as well as determining the average and maximum speed reached for each exercise session or individual lap.

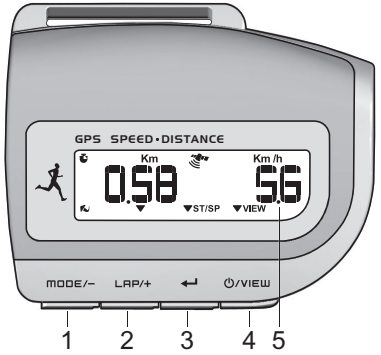
With a breathable strap and slim curved form, the GP108 was designed to be portable and an integral part of your exercise regime.

IMPORTANT

- The measurement functions built into the GP108 are not meant to substitute professional measurement or industrial precision devices. Values produced by this device should be considered as reasonable representations only.
- Oregon Scientific™ assumes no responsibility for any loss, or any claims by third parties that may arise through the use of this device.

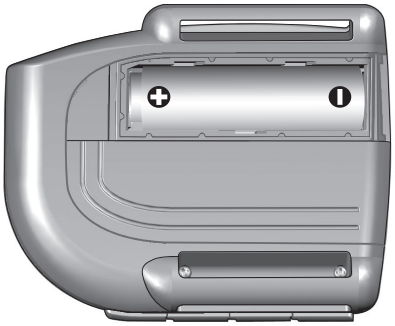
OVERVIEW

FRONT VIEW

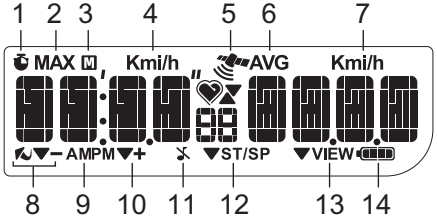


1. **MODE/-**: toggle between modes; decrease value of the setting; toggle setting option; return to previous screen
2. **LAP/+**: increase value of the setting; toggle setting options; record lap; toggle displays in memory mode
3. ↵: start / stop stopwatch; initiate / stop search for GPS signal; confirm setting
4. ⏻/VIEW : turn unit on / off; toggle exercise displays
5. **Tap on lens**: turn on backlight

BACK VIEW – BATTERY COMPARTMENT



LCD SCREEN



1. : stopwatch running
2. MAX: maximum speed and distance is displayed
3. M: memory mode is displayed
4. Kmi/h: distance / speed units, relates to digits shown directly below
5. : GPS signal reception indicator
6. AVG: average speed or distance is displayed
7. Kmi/h: distance / speed units, relates to digits shown directly below
8. / / : Key press prompt. Press **MODE/-**
9. AM/PM: 12 hour format
10. / : Key press prompt. Press **LAP/+**
11. : key tone deactivated
12. **ST/SP** : Key press prompt. Press ↵
13. VIEW: Key press prompt. Press ⏻/VIEW
14. : battery power indicator

GETTING STARTED

Press and hold ⏻/VIEW until LCD display is activated.

NOTE If the device is being activated for the first time or after battery change, the unit will automatically enter setting mode and prompt you to do initial set up. (Go directly to 'Setting mode' section, step 2).

IMPORTANT

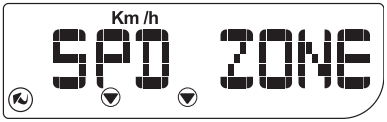
- Remember to set the device after every battery replacement or reset.

NOTE When the device is left idle for 30 seconds during set up, it will automatically exit the setting mode and display the time.

NAVIGATING THROUGH THE OPTIONS

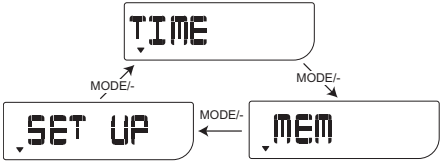
KEY PRESS PROMPTS

The device has been designed with prompts to guide you through the settings and displays.



MODES

There are 3 modes. Press **MODE/-** to toggle through the different modes.



SETTING MODE

When prompted to set device after starting it for the first time, the screen below will be shown. Go directly to step 2.

For normal setting procedure:

1. Press **MODE/-** repeatedly to select SET UP. ‘SET EX’ will be displayed shortly after.
2. Press ↵ to enter exercise settings.
3. Set the speed zone (On/Off; speed zone lower and upper limits) by pressing the following buttons:
   - **MODE/-** to decrease values or toggle options; return to previous display
   - **LAP/+** to increase values or toggle options
   - ↵ to confirm
4. Press **MODE/-** to return to previous display, “SET EX” screen will appear.

To continue setting other profiles:

1. Press **LAP/+** to toggle to another profile setting.

2. Then press ↵ to enter.
3. Press **LAP/+** to select from these sub-settings: TIME / UNIT / BEEP / TOGG (see below table), then ↵ to enter.

4. Press the following buttons:
   - **MODE/-** to decrease values or toggle options
   - **LAP/+** to increase values or toggle options
   - ↵ to confirm and exit
5. Continue setting all options by repeating steps 3-4.

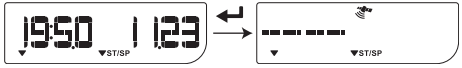
Sub-settings	Setting options
TIME*	Calendar format (day–month or month-day) Hour format (12/24 hours) Time zone offset (+/- 23)
UNIT	Measurement unit
BEEP	On / Off
TOGG	On / Off (enable display to auto toggle during exercise)

* Time data is received from GPS satellite.

GPS

TIP Go outdoors and move to an open area for best GPS signal quality. Stand still when device searches for GPS signal.

To manually search for GPS signal, press ↵ when time or 'GPS GO' is displayed.



and "----" will flash during search.

The signal quality is as follows:

	Excellent signal quality
	Good signal quality
	Poor signal quality
"No icon"	No signal

GPS signal quality needs to be excellent or good to measure speed and distance.

If 'NO GPS' is displayed or signal quality is poor, press ↵ again to force another signal search.

This unit receives the time from GPS satellite ensuring its accuracy. Search for a GPS signal each time unit is turned on to receive the GPS time.

START EXERCISE

Once GPS has been found, press ↵ to start measuring speed and distance travelled.

To take laps: press **LAP/+**.

TIP You can view the time while exercising. Press **MODE/-** to view time.

PAUSE, RESUME / STOP

If you need to take a break during exercise, press ↵.

Choose either to:

1. resume exercise by pressing ↵

or

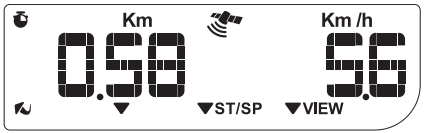
2. stop exercise and save data by pressing **MODE/-**.

DISPLAYS

To toggle between displays during exercise: press ⏻/VIEW.

TIP If toggle function has been enabled (refer to "Setting mode" section), the below 2 screens will automatically toggle.

Exercise time Current speed



Distance travelled Current speed

MEMORY MODE

1. Press **MODE/-** repeatedly to select "MEM". After 2 seconds, display will show the time and date of the most recent exercise session recorded or "NO MEM" if there is no data.
2. Press **LAP/+** to navigate to desired record.
3. Press ↵, "VIEW SUM" will be displayed.
4. Press **LAP/+** to navigate to the type of records to be displayed, "VIEW SUM" (summary) or "VIEW LAP" (individual lap), then press ↵ to confirm selection.
   - Extra step for "VIEW LAP" – press **LAP/+** to select lap number then ↵ to view.
5. Press **LAP/+** to toggle through screens

After viewing, press **MODE/-** until "VIEW SUM" or "VIEW LAP" is displayed.

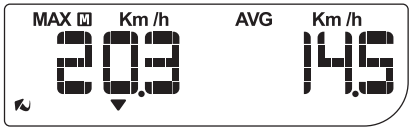
Repeat steps 4-5 to select the other memory display option for that record.

NOTE Option of viewing individual lap records can only be selected if laps were taken for that exercise record.

DISPLAYS

Record summary:

Total exercise time Total distance



Maximum speed Average speed

Individual lap information:

Lap time Distance

Maximum speed Average speed

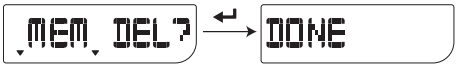
CLEAR RECORDS

This device can contain data for up to 99 laps.

The device only allows for all data to be deleted.

To delete memory:

1. Press **MODE/-** repeatedly to select “MEM”.
2. Press **LAP/+** repeatedly until “MEM DEL?” is displayed.
3. Press ↵ to confirm.



DONE indicates the records have been cleared.

When starting an exercise and memory is full, “MEM FULL” will be displayed followed by “MEM DEL?”.

- Press ↵ to delete all records.

OR

- Press **MODE/-** to ignore and start an exercise without recording data for it.

BACKLIGHT

To activate backlight: tap on lens.

Tap on lens again or press any button to extend backlight for another 3 seconds.

NOTE The backlight function will not operate when there is only 1 segment remaining in this icon .

BATTERY REPLACEMENT

The GP108 uses 1 x AA battery which has already been installed.

If the battery power of the unit is low (2 or less remaining segments) promptly replace the battery to ensure continuous operation of GPS and other functions.

To replace battery:

1. Slide open the battery compartment cover.
2. Remove the old battery and insert a new battery.
3. Replace battery compartment cover.

WATER RESISTANCE

The GP108 is splash proof only.

SPECIFICATIONS

Real time clock	12/24 hour with hour, minute
Speed	0-150 km/h or mph
Distance	0-9999 km / miles
Maximum lap count	99
Power	1x UM3 (AA) 1.5V battery
Operating temperature	-10 °C to 50 °C (14 °F to 120 °F)
Storage temperature	-15°C to 70 °C (1 °F to 158 °F)

PRECAUTIONS

To ensure you use your product correctly and safely, read these warnings and the entire user manual before using the product:

- Use a soft, slightly moistened cloth. Do not use abrasive or corrosive cleaning agents, as these may cause damage. Use luke warm water and mild soap to clean the unit thoroughly after each training session. Never use the products in hot water or store them when wet.
- Do not subject the product to excessive force, shock, dust, temperature changes, or humidity. Never expose the product to direct sunlight for extended periods. Such treatment may result in malfunction.
- Do not tamper with the internal components. Doing so will terminate the product warranty and may cause damage. The main unit contains no user-serviceable parts.

- Do not scratch hard objects against the LCD display as this may cause damage.
- Take precautions when handling all battery types.
- Remove the batteries whenever you are planning to store the product for a long period of time.
- When replacing batteries, use new batteries as specified in this user manual.
- The product is a precision instrument. Never attempt to take this device apart. Contact the retailer or our customer service department if the product requires servicing.
- Do not touch the exposed electronic circuitry, as there is a danger of electric shock.
- Check all major functions if the device has not been used for a long time. Maintain regular internal testing and cleaning of your device. Have your watch serviced by an approved service center annually.
- When disposing of this product, ensure it is collected separately for special treatment and not as normal household waste.
- Due to printing limitations, the displays shown in this manual may differ from the actual display.
- The contents of this manual may not be reproduced without the permission of the manufacturer.

NOTE The technical specifications for this product and the contents of the user manual are subject to change without notice.

NOTE Features and accessories will not be available in all countries. For more information, please contact your local retailer.

ABOUT OREGON SCIENTIFIC

Visit our website (http://us.oregonscientific.com) to learn more about Oregon Scientific products.

If you're in the US and would like to contact our Customer Care department directly, please visit:

www2.oregonscientific.com/service/support.asp

For international inquiries, please visit:
www2.oregonscientific.com/about/international.asp

EU DECLARATION OF CONFORMITY

Hereby, Oregon Scientific, declares that this GPS Speed and Distance Monitor (model: GP108) is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. A copy of the signed and dated Declaration of Conformity is available on request via our Oregon Scientific Customer Service.

COUNTRIES RTTE APPROVAL COMPLIED

All EU countries,Switzerland (CH)

and Norway (N)